

## **AMENDMENTS TO THE SPECIFICATION**

Changes are shown by strikethrough (for deletions) and underlining (for additions to the text). Where specification paragraphs already contain underlining as part of the specification, double-underlining is used for additions to the text.

On page 1, lines 3-12, please replace the paragraph beginning “This is a Continuation-In-Part of Serial No. 08/360,107” with the following paragraph:

This is a continuation of U.S. Application No. 08/484,223 filed June 7, 1995, which is a division of U.S. Application No. 08/470,896 filed June 6, 1995, now U.S. Patent No. 6,479,055 issued November 12, 2002, which is a continuation-in-part of U.S. Application ~~Continuation In-Part of Serial No. 08/360,107~~ filed December 20, 1994, now U.S. Patent No. 6,017,536 issued January 25, 2000, which is a continuation-in-part of U.S. Application ~~Continuation In-Part of Serial No. 08/255,208~~ filed June 7, 1994, now U.S. Patent No. 6,440,656 issued August 27, 2002, which is a Continuation In-Part of Serial No. 08/073,028 filed June 7, 1993, each of which is incorporated herein by reference in its entirety. This application also incorporates by reference U.S. Patent Application No. 08/073,028, filed June 7, 1993, now U.S. Patent No. 5,464,933, issued November 7, 1995. This invention was made with Government support under Grant No. AI-30411-02 awarded by the National Institute of Health. The Government has certain rights in the invention.

On page 26, lines 1-24, please replace the table under the heading “Table I” with the following replacement text:

TABLE I  
DP178 (SEQ ID NO:1) CARBOXY TRUNCATIONS

X-YTS-Z  
 X-YTSL-Z  
 X-YTSLI-Z  
 X-YTSLIH-Z  
 X-YTSLIHS-Z  
 X-YTSLIHSL-Z  
 X-YTSLIHSLI-Z  
 X-YTSLIHSLIE-Z  
 X-YTSLIHSLIEE-Z  
 X-YTSLIHSLIEES-Z  
 X-YTSLIHSLIEESQ-Z  
 X-YTSLIHSLIEESQN-Z  
 X-YTSLIHSLIEESQNQ-Z  
 X-YTSLIHSLIEESQNQQ-Z  
 X-YTSLIHSLIEESQNQQE-Z  
 X-YTSLIHSLIEESQNQQEK-Z  
 X-YTSLIHSLIEESQNQQEKN-Z  
 X-YTSLIHSLIEESQNQQEKNE-Z  
 X-YTSLIHSLIEESQNQQEKNEQ-Z  
 X-YTSLIHSLIEESQNQQEKNEQE-Z  
 X-YTSLIHSLIEESQNQQEKNEQEL-Z  
 X-YTSLIHSLIEESQNQQEKNEQELL-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLE-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLEL-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELD-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDK-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKW-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKWASL-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKWASLW-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKWASLWN-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKWASLWNW-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 (SEQ ID NO:1)

On page 27, lines 1-24, please replace the table under the heading “TABLE IA” with the following text:

TABLE IA  
DP178 (SEQ ID NO:1) AMINO TRUNCATIONS

X-NWF-Z  
 X-WNWF-Z  
 X-LWNWF-Z  
 X-SLWNWF-Z  
 X-ASLWNWF-Z  
 X-WASLWNWF-Z  
 X-KWASLWNWF-Z  
 X-DKWASLWNWF-Z  
 X-LDKWASLWNWF-Z  
 X-ELDKWASLWNWF-Z  
 X-LELDKWASLWNWF-Z  
 X-LLELDKWASLWNWF-Z  
 X-ELLELDKWASLWNWF-Z  
 X-QELLELDKWASLWNWF-Z  
 X-EQELLELDKWASLWNWF-Z  
 X-NEQELLELDKWASLWNWF-Z  
 X-KNEQELLELDKWASLWNWF-Z  
 X-EKNEQELLELDKWASLWNWF-Z  
 X-QEKNEQELLELDKWASLWNWF-Z  
 X-QQEKNEQELLELDKWASLWNWF-Z  
 X-NQQEKNEQELLELDKWASLWNWF-Z  
 X-QNQEKNEQELLELDKWASLWNWF-Z  
 X-SQNQQEKNEQELLELDKWASLWNWF-Z  
 X-ESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-EESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-IEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-LIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-SLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-HSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-IHSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-LIHSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-SLIHSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-TSLIHSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 X-YTSLIHSLIEESQNQQEKNEQELLELDKWASLWNWF-Z  
 (SEQ ID NO:1)

On page 30, lines 21-30, please replace the paragraph beginning with “Further, the peptides of the invention” with the following paragraph:

Further, the peptides of the invention include peptides having amino acid sequences corresponding to DP107 analogs. DP107 is a 38 amino acid peptide which exhibits potent antiviral activity, and corresponds to residues 558 to 595 of HIV-1<sub>LAI</sub> transmembrane (TM) gp41 protein, as shown here:

~~NH<sub>2</sub>-NNLLRAIEAQQHLLQLTVWQIKQLQARILAVE<sup>RY</sup>Y<sup>LK</sup>DQ-COOH~~

NH<sub>2</sub>-NNLLRAIEAQQHLLQLTVWGIKQLQARILAVE<sup>RY</sup>Y<sup>LK</sup>DQ-COOH  
(SEQ ID NO:89)

On page 32, lines 1-27, please replace the table under the heading "TABLE II" with the following text:

TABLE II  
DP107 (SEQ ID NO:25) CARBOXY TRUNCATIONS  
DP107 (SEQ ID NO:89) CARBOXY TRUNCATIONS

X-NNL-Z  
X-NNLL-Z  
X-NNLLR-Z  
X-NNLLRA-Z  
X-NNLLRAI-Z  
X-NNLLRAIE-Z  
X-NNLLRAIEA-Z  
X-NNLLRAIEAQ-Z  
X-NNLLRAIEAQQ-Z  
X-NNLLRAIEAQQH-Z  
X-NNLLRAIEAQQHL-Z  
X-NNLLRAIEAQQHLL-Z  
X-NNLLRAIEAQQHLLQ-Z  
X-NNLLRAIEAQQHLLQL-Z  
X-NNLLRAIEAQQHLLQLT-Z  
X-NNLLRAIEAQQHLLQLTV-Z  
X-NNLLRAIEAQQHLLQLTVW-Z  
X-NNLLRAIEAQQHLLQLTVWQG-Z  
X-NNLLRAIEAQQHLLQLTVWQGI-Z  
X-NNLLRAIEAQQHLLQLTVWQGIK-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQ-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQL-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQ-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQA-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQAR-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARI-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARIL-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILA-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAV-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVE-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAV<sup>ER</sup>-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVE<sup>RY</sup>-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVE<sup>RY</sup>L-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVE<sup>RY</sup>LK-Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVE<sup>RY</sup>LKD-Z

X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ-Z  
(SEQ ID NO:89)

On page 33, lines 1-27, please replace the table under the heading “TABLE IIA” with the following text:

TABLE IIA  
DP178 (SEQ ID NO:25) AMINO TRUNCATIONS  
DP178 (SEQ ID NO:89) AMINO TRUNCATIONS

X-KDQ- Z  
X-LKDQ- Z  
X-YLKDQ- Z  
X-RYLKDQ- Z  
X-ERYLKDQ- Z  
X-VERYLKDQ- Z  
X-AVERYLKDQ- Z  
X-LAVERYLKDQ- Z  
X-ILAVERYLKDQ- Z  
X-RILAVERYLKDQ- Z  
X-ARILAVERYLKDQ- Z  
X-QARILAVERYLKDQ- Z  
X-LQARILAVERYLKDQ- Z  
X-QLQARILAVERYLKDQ- Z  
X-KQLQARILAVERYLKDQ- Z  
X-IKQLQARILAVERYLKDQ- Z  
X-QGIKQLQARILAVERYLKDQ- Z  
X-WQGIKQLQARILAVERYLKDQ- Z  
X-VWQGIKQLQARILAVERYLKDQ- Z  
X-TVWQGIKQLQARILAVERYLKDQ- Z  
X-LTVWQGIKQLQARILAVERYLKDQ- Z  
X-QLTVWQGIKQLQARILAVERYLKDQ- Z  
X-LQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-LLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-HLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-QHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-QQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-AQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-EAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-IEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-AIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-RAIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-LRAIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-LLRAIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-NLLRAIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
X-NNLLRAIEAQQHLLQLTVWQGIKQLQARILAVERYLKDQ- Z  
(SEQ ID NO:89)

On page 40, lines 1-24, please replace the table under the heading “TABLE III” with the following text:

TABLE III  
~~HIV-2<sub>NIHZ</sub> DP178 analog carboxy truncations~~  
HIV-2<sub>NIHZ</sub> DP178 ANALOG (SEQ ID NO:7) CARBOXY TRUNCATIONS

X-LEA-Z  
X-LEAN-Z  
X-LEANI-Z  
X-LEANIS-Z  
X-LEANISQ-Z  
X-LEANISQS-Z  
X-LEANISQSL-Z  
X-LEANISQSLE-Z  
X-LEANISQSLEQ-Z  
X-LEANISQSLEQA-Z  
X-LEANISQSLEQAQ-Z  
X-LEANISQSLEQAQI-Z  
X-LEANISQSLEQAQIQ-Z  
X-LEANISQSLEQAQIQQ-Z  
X-LEANISQSLEQAQIQQE-Z  
X-LEANISQSLEQAQIQQEK-Z  
X-LEANISQSLEQAQIQQEKN-Z  
X-LEANISQSLEQAQIQQEKNM-Z  
X-LEANISQSLEQAQIQQEKNMY-Z  
X-LEANISQSLEQAQIQQEKNMYE-Z  
X-LEANISQSLEQAQIQQEKNMYEL-Z  
X-LEANISQSLEQAQIQQEKNMYELQ-Z  
X-LEANISQSLEQAQIQQEKNMYELQK-Z  
X-LEANISQSLEQAQIQQEKNMYELQKL-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLN-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNS-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSW-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWD-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDV-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDVF-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDVFT-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDVFTN-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDVFTNW-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
(SEQ ID NO:7)

On page 41, lines 1-24, please replace the table under the heading “TABLE IV” with the following text:

TABLE IV  
~~HIV-2<sub>NIH2</sub> DP178 analog amino truncations~~  
HIV-2<sub>NIH2</sub> DP 178 ANALOG (SEQ ID NO:7) AMINO TRUNCATIONS

X-NWL-Z  
X-TNWL-Z  
X-FTNWL-Z  
X-VFTNWL-Z  
X-DVFTNWL-Z  
X-WDVFTNWL-Z  
X-SWDVFTNWL-Z  
X-NSWDVFTNWL-Z  
X-LNSWDVFTNWL-Z  
X-KLNSWDVFTNWL-Z  
X-QKLNSWDVFTNWL-Z  
X-LQKLNSWDVFTNWL-Z  
X-ELQKLNSWDVFTNWL-Z  
X-YELQKLNSWDVFTNWL-Z  
X-MYELQKLNSWDVFTNWL-Z  
X-NMYELQKLNSWDVFTNWL-Z  
X-KNMYELQKLNSWDVFTNWL-Z  
X-EKNMYELQKLNSWDVFTNWL-Z  
X-QEKNMYELQKLNSWDVFTNWL-Z  
X-QQEKNMYELQKLNSWDVFTNWL-Z  
X-IQQEKNMYELQKLNSWDVFTNWL-Z  
X-QIQQEKNMYELQKLNSWDVFTNWL-Z  
X-AQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-QAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-EQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-LEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-SLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-QSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-SQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-ISQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-NISQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-ANISQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-EANISQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
X-LEANISQSLEQAQIQQEKNMYELQKLNSWDVFTNWL-Z  
(SEQ ID NO:7)

On page 319, lines 1-34, please replace the table under the heading "Table XV" with the following text:

TABLE XV  
RESPIRATORY SYNCYTIAL VIRUS DP107 F2 REGION ANALOG  
CARBOXY TRUNCATIONS  
RESPIRATORY SYNCYTIAL VIRUS DP107 F2 REGION ANALOG (SEQ ID NO:16)  
CARBOXY TRUNCATIONS

X-YTS-Z  
X-YTSV-Z  
X-YTSVI-Z  
X-YTSVIT-Z  
X-YTSVITI-Z  
X-YTSVITIE-Z  
X-YTSVITIEL-Z  
X-YTSVITIELS-Z  
X-YTSVITIELSN-Z  
X-YTSVITIELSNI-Z  
X-YTSVITIELSNIK-Z  
X-YTSVITIELSNIKE-Z  
X-YTSVITIELSNIKEN-Z  
X-YTSVITIELSNIKENK-Z  
X-YTSVITIELSNIKENKC-Z  
X-YTSVITIELSNIKENKCN-Z  
X-YTSVITIELSNIKENKCNG-Z  
X-YTSVITIELSNIKENKCNGT-Z  
X-YTSVITIELSNIKENKCNGTD-Z  
X-YTSVITIELSNIKENKCNGTDA-Z  
X-YTSVITIELSNIKENKCNGTDAK-Z  
X-YTSVITIELSNIKENKCNGTDAKV-Z  
X-YTSVITIELSNIKENKCNGTDAKVK-Z  
X-YTSVITIELSNIKENKCNGTDAKVKL-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLI-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIK-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQ-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQE-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQEL-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELD-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDK-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKY-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYK-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKN-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNA-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAV-Z  
X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTE-Z



X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTEL-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQ-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQL-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLL-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLM-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQ-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQS-Z  
 X-YTSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 (SEQ ID NO:16)

On page 321, lines 1-33, please replace the table under the heading "TABLE XVI"  
 with the following text:

TABLE XVI  
RESPIRATORY SYNCYTIAL VIRUS F2 DP178/DP107 REGION ANALOG AMINO  
TRUNCATIONS  
RESPIRATORY SYNCYTIAL VIRUS F2 DP178/DP107 REGION ANALOG (SEQ ID  
NO:16) AMINO TRUNCATIONS

X-QST-Z  
 X-MQST-Z  
 X-LMQST-Z  
 X-LLMQST-Z  
 X-QLLMQST-Z  
 X-LQLLMQST-Z  
 X-ELQLLMQST-Z  
 X-TELQLLMQST-Z  
 X-VTELQLLMQST-Z  
 X-AVTELQLLMQST-Z  
 X-NAVTELQLLMQST-Z  
 X-KNAVTELQLLMQST-Z  
 X-YKNAVTELQLLMQST-Z  
 X-KYKNAVTELQLLMQST-Z  
 X-DKYKNAVTELQLLMQST-Z  
 X-LDKYKNAVTELQLLMQST-Z  
 X-ELDKYKNAVTELQLLMQST-Z  
 X-QELDKYKNAVTELQLLMQST-Z  
 X-KQELDKYKNAVTELQLLMQST-Z  
 X-IKQELDKYKNAVTELQLLMQST-Z  
 X-LIKQELDKYKNAVTELQLLMQST-Z  
 X-KLIKQELDKYKNAVTELQLLMQST-Z  
 X-KVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-AKVLIKQELDKYKNAVTELQLLMQST-Z  
 X-DAKVLIKQELDKYKNAVTELQLLMQST-Z  
 X-TDAKVLIKQELDKYKNAVTELQLLMQST-Z  
 X-GTDAKVLIKQELDKYKNAVTELQLLMQST-Z

X-NGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-CNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-KCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-NKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-KENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-IKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-NIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-SNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-LSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-ELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-IELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-TIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-ITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-VITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-SVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z  
 X-TSVITIELSNIKENKCNGTDAKVKLIKQELDKYKNAVTELQLLMQST-Z

On page 323, lines 1-26, please replace the table under the heading “TABLE XVII” with the following text:

TABLE XVII  
RESPIRATORY SYNCYTIAL VIRUS F1 DP178 REGION ANALOG  
CARBOXY TRUNCATIONS  
RESPIRATORY SYNCYTIAL VIRUS F1 DP178 REGION ANALOG (SEQ ID NO:17)  
CARBOXY TRUNCATIONS

X-FYD-Z  
 X-FYDP-Z  
 X-FYDPL-Z  
 X-FYDPLV-Z  
 X-FYDPLVF-Z  
 X-FYDPLVFP-Z  
 X-FYDPLVFPS-Z  
 X-FYDPLVFPSD-Z  
 X-FYDPLVFPSDE-Z  
 X-FYDPLVFPSDEF-Z  
 X-FYDPLVFPSDEFDA-Z  
 X-FYDPLVFPSDEFDAS-Z  
 X-FYDPLVFPSDEFDASI-Z  
 X-FYDPLVFPSDEFDASIS-Z  
 X-FYDPLVFPSDEFDASISQ-Z  
 X-FYDPLVFPSDEFDASISQV-Z  
 X-FYDPLVFPSDEFDASISQVN-Z  
 X-FYDPLVFPSDEFDASISQVNE-Z  
 X-FYDPLVFPSDEFDASISQVNEK-Z  
 X-FYDPLVFPSDEFDASISQVNEKI-Z

X-FYDPLVFPSDEFDASISQVNEKIN-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQ-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQS-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSL-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLA-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAF-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFI-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIR-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIRK-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIRKS-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIRKSD-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIRKSDE-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIRKSDEL-Z  
 X-FYDPLVFPSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 (SEQ ID NO:17)

On page 325, lines 1-25, please replace the table under the heading “TABLE XVIII” with the following text:

TABLE XVIII  
RESPIRATORY SYNCYTIAL VIRUS F1 DP178 REGION ANALOG  
AMINO TRUNCATIONS  
RESPIRATORY SYNCYTIAL VIRUS F1 DP178 REGION ANALOG (SEQ ID NO:17)  
AMINO TRUNCATIONS

X-DELL-Z  
 X-SDELL-Z  
 X-KSDELL-Z  
 X-RKSDELL-Z  
 X-IRKSDELL-Z  
 X-FIRKSDELL-Z  
 X-AFIRKSDELL-Z  
 X-LAFIRKSDELL-Z  
 X-SLAFIRKSDELL-Z  
 X-QSLAFIRKSDELL-Z  
 X-NQSLAFIRKSDELL-Z  
 X-INQSLAFIRKSDELL-Z  
 X-KINQSLAFIRKSDELL-Z  
 X-EKINQSLAFIRKSDELL-Z  
 X-NEKINQSLAFIRKSDELL-Z  
 X-VNEKINQSLAFIRKSDELL-Z  
 X-QVNEKINQSLAFIRKSDELL-Z  
 X-SQVNEKINQSLAFIRKSDELL-Z  
 X-ISQVNEKINQSLAFIRKSDELL-Z  
 X-SISQVNEKINQSLAFIRKSDELL-Z  
 X-ASISQVNEKINQSLAFIRKSDELL-Z  
 X-DASISQVNEKINQSLAFIRKSDELL-Z

X-FDASISQVNEKINQSLAFIRKSDELL-Z  
 X-EFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-DEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-SDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-PSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-FPSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-VFPSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-LVFPSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-PLVFPSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-DPLVFPSDEFDASISQVNEKINQSLAFIRKSDELL-Z  
 X-YDPLVFPSDEFDASISQVNEKINQSLAFIRKSDELL-Z

On page 326, lines 1-24, please replace the table under the heading "TABLE XIX" with the following text:

TABLE XIX  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP178 ANALOG  
CARBOXY TRUNCATIONS  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP178 ANALOG (SEQ ID NO:18)  
CARBOXY TRUNCATIONS

X-ITL-Z  
 X-ITLN-Z  
 X-ITLNN-Z  
 X-ITLNNS-Z  
 X-ITLNNSV-Z  
 X-ITLNNSVA-Z  
 X-ITLNNSVAL-Z  
 X-ITLNNSVALD-Z  
 X-ITLNNSVALDP-Z  
 X-ITLNNSVALDPI-Z  
 X-ITLNNSVALDPID-Z  
 X-ITLNNSVALDPIDI-Z  
 X-ITLNNSVALDPIDIS-Z  
 X-ITLNNSVALDPIDISI-Z  
 X-ITLNNSVALDPIDISIE-Z  
 X-ITLNNSVALDPIDISIEL-Z  
 X-ITLNNSVALDPIDISIELN-Z  
 X-ITLNNSVALDPIDISIELNK-Z  
 X-ITLNNSVALDPIDISIELNKA-Z  
 X-ITLNNSVALDPIDISIELNKAK-Z  
 X-ITLNNSVALDPIDISIELNKAKS-Z  
 X-ITLNNSVALDPIDISIELNKAKSD-Z  
 X-ITLNNSVALDPIDISIELNKAKSDL-Z  
 X-ITLNNSVALDPIDISIELNKAKSDLE-Z  
 X-ITLNNSVALDPIDISIELNKAKSDLEE-Z  
 X-ITLNNSVALDPIDISIELNKAKSDLEES-Z

X-ITLNNSVALDPIDISIELNKA KSDLEESK-Z  
 X-ITLNNSVALDPIDISIELNKA KSDLEESKE-Z  
 X-ITLNNSVALDPIDISIELNKA KSDLEESKEW-Z  
 X-ITLNNSVALDPIDISIELNKA KSDLEESKEWI-Z  
 X-ITLNNSVALDPIDISIELNKA KSDLEESKEWIR-Z  
 X-ITLNNSVALDPIDISIELNKA KSDLEESKEWIRR-Z  
 X-ITLNNSVALDPIDISIELNKA KSDLEESKEWIRRS-Z  
(SEQ ID NO:18)

On page 327, lines 1-24, please replace the table under the heading "TABLE XX" with the following text:

TABLE XX  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP178 ANALOG  
AMINO TRUNCATIONS  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP178 ANALOG (SEQ ID NO:18)  
AMINO TRUNCATIONS

X-RRS-Z  
 X-IRRS-Z  
 X-WIRRS-Z  
 X-EWIRRS-Z  
 X-KEWIRRS-Z  
 X-SKEWIRRS-Z  
 X-ESKEWIRRS-Z  
 X-EESKEWIRRS-Z  
 X-LEESKEWIRRS-Z  
 X-DLEESKEWIRRS-Z  
 X-SDLEESKEWIRRS-Z  
 X-KSDLEESKEWIRRS-Z  
 X-AKSDLEESKEWIRRS-Z  
 X-KAKSDLEESKEWIRRS-Z  
 X-NKAKSDLEESKEWIRRS-Z  
 X-LNKAKSDLEESKEWIRRS-Z  
 X-ELNKAKSDLEESKEWIRRS-Z  
 X-IELNKAKSDLEESKEWIRRS-Z  
 X-SIELNKAKSDLEESKEWIRRS-Z  
 X-ISIELNKAKSDLEESKEWIRRS-Z  
 X-DISIELNKAKSDLEESKEWIRRS-Z  
 X-IDISIELNKAKSDLEESKEWIRRS-Z  
 X-PIDISIELNKAKSDLEESKEWIRRS-Z  
 X-LDPIDISIELNKAKSDLEESKEWIRRS-Z  
 X-ALDPIDISIELNKAKSDLEESKEWIRRS-Z  
 X-VALDPIDISIELNKAKSDLEESKEWIRRS-Z  
 X-SVALDPIDISIELNKAKSDLEESKEWIRRS-Z  
 X-NSVALDPIDISIELNKAKSDLEESKEWIRRS-Z

X-NNSVALDPIDISIELNKA KSDLEESKEWIRRS-Z  
X-LNNSVALDPIDISIELNKA KSDLEESKEWIRRS-Z  
X-TLNSVALDPIDISIELNKA KSDLEESKEWIRRS-Z

On page 328, lines 1-24, please replace the table under the heading "TABLE XXI"  
with the following text:

TABLE XXI  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP107 ANALOG  
CARBOXY TRUNCATIONS  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP107 ANALOG (SEQ ID NO:19)  
CARBOXY TRUNCATIONS

X-ALG-Z  
X-ALGV-Z  
X-ALGVA-Z  
X-ALGVAT-Z  
X-ALGVATS-Z  
X-ALGVATSA-Z  
X-ALGVATSAQ-Z  
X-ALGVATSAQI-Z  
X-ALGVATSAQIT-Z  
X-ALGVATSAQITA-Z  
X-ALGVATSAQITAA-Z  
X-ALGVATSAQITA-AV-Z  
X-ALGVATSAQITA-AVA-Z  
X-ALGVATSAQITA-AVAL-Z  
X-ALGVATSAQITA-AVALV-Z  
X-ALGVATSAQITA-AVALVE-Z  
X-ALGVATSAQITA-AVALVEA-Z  
X-ALGVATSAQITA-AVALVEAK-Z  
X-ALGVATSAQITA-AVALVEAKQ-Z  
X-ALGVATSAQITA-AVALVEAKQA-Z  
X-ALGVATSAQITA-AVALVEAKQAR-Z  
X-ALGVATSAQITA-AVALVEAKQARS-Z  
X-ALGVATSAQITA-AVALVEAKQARSD-Z  
X-ALGVATSAQITA-AVALVEAKQARSDI-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIE-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEK-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEKL-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEKLK-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEKLKE-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEKLKEA-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEKLKEAI-Z  
X-ALGVATSAQITA-AVALVEAKQARSDIEKLKEAIR-Z  
(SEQ ID NO:19)

On page 329, lines 1-24, please replace the table under the heading “TABLE XXII” with the following text:

TABLE XXII  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP107 ANALOG  
AMINO TRUNCATIONS  
HUMAN PARAINFLUENZA VIRUS 3 F1 REGION DP107 ANALOG (SEQ ID NO:19)  
AMINO TRUNCATIONS

X-IRD-Z  
X-AIRD-Z  
X-EAIRD-Z  
X-KEAIRD-Z  
X-LKEAIRD-Z  
X-KLKEAIRD-Z  
X-EKLKEAIRD-Z  
X-IEKLKEAIRD-Z  
X-DIEKLKEAIRD-Z  
X-SDIEKLKEAIRD-Z  
X-RSDIEKLKEAIRD-Z  
X-ARSDIEKLKEAIRD-Z  
X-QARSDIEKLKEAIRD-Z  
X-KQARSDIEKLKEAIRD-Z  
X-AKQARSDIEKLKEAIRD-Z  
X-EAKQARSDIEKLKEAIRD-Z  
X-VEAKQARSDIEKLKEAIRD-Z  
X-LVEAKQARSDIEKLKEAIRD-Z  
X-ALVEAKQARSDIEKLKEAIRD-Z  
X-VALVEAKQARSDIEKLKEAIRD-Z  
X-AVALVEAKQARSDIEKLKEAIRD-Z  
X-AAVALVEAKQARSDIEKLKEAIRD-Z  
X-TAAVALVEAKQARSDIEKLKEAIRD-Z  
X-ITAVALVEAKQARSDIEKLKEAIRD-Z  
X-QITAVALVEAKQARSDIEKLKEAIRD-Z  
X-AQITAVALVEAKQARSDIEKLKEAIRD-Z  
X-TSAQITAVALVEAKQARSDIEKLKEAIRD-Z  
X-ATSAQITAVALVEAKQARSDIEKLKEAIRD-Z  
X-VATSAQITAVALVEAKQARSDIEKLKEAIRD-Z  
X-GVATSAQITAVALVEAKQARSDIEKLKEAIRD-Z  
X-LGVATSAQITAVALVEAKQARSDIEKLKEAIRD-Z